

- Fig. 5. *A. latipuncta*, natural size. Fig. 5a. Portion magnified. Fig. 5b. Avicularian cell.  
 Fig. 6. Portion of specimen of *Bracebridgia pyriformis*, natural size. Fig. 6a. Portion of the same magnified. Fig. 6b. Two avicularian cells from the free edge. Fig. 6c. Portion of older part of same zoarium.  
 Fig. 7. Young specimen, natural size. Fig. 7a. Two Zoecia from the same, showing an apiculate mucro and an oral avicularium.

PLATE III.

Chitinous parts of—

- Fig. 1. *A. foliacea*.  
 Fig. 2. *A. parvipuncta*.  
 Fig. 3. *A. australis*.  
 Fig. 4. *A. latipuncta*.  
 Fig. 5. *Bracebridgia pyriformis*.  
 Fig. 6. *Pæcilopora anomala*.

ART. XIII.—*On an Apparatus for Utilising the Force of the Tides.*

BY MR. LOCKHART MORTON.

[Read December 10th, 1885.]

ART. XIV.—*On an Apparatus for Determining the Stability of Ships.*

BY C. W. M'LEAN.

[Read December 10th, 1885.]